

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 118  | (290/31.ccls. or 318/801.ccls. or 318/254.ccls.) and @pd>"20061208"                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 14:09 |
| L2    | 57   | (field near current) same ((inverter near mode) or (generator near mode))                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 14:17 |
| L3    | 10   | (field near current) same ((inverter near mode) or (generator near mode))                           | US-PGPUB  | OR               | ON      | 2007/04/13 14:12 |
| L4    | 32   | 2 and ((motor or generator) near control)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 14:19 |
| L5    | 8    | 3 and ((motor or generator) near control)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 14:19 |
| L6    | 6    | 5 and winding   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 14:14 |
| L7    | 24   | 4 and winding   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 14:15 |
| L8    | 2    | ((field adj2 current) near2 limit) and (inverter adj3 mode) and ((power adj2 generat\$3) adj3 mode) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/04/13 14:20 |
| S1    | 1    | ("20030141854").PN.   | US-PGPUB  | OR               | OFF     | 2006/12/08 16:35 |

## EAST Search History

|    |     |  |   |    |    |                  |
|----|-----|--|---|----|----|------------------|
| S2 | 2   | ((field adj2 current) near2 (limit adj2 value)) and (inverter adj3 mode) and ((power adj2 generat\$3) adj3 mode) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:45 |
| S3 | 2   | ((field adj2 current) near2 limit) and (inverter adj3 mode) and ((power adj2 generat\$3) adj3 mode)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:46 |
| S4 | 5   | ((field adj2 current) near2 value) and (inverter adj3 mode) and ((power adj2 generat\$3) adj3 mode)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:46 |
| S5 | 982 | (motor adj generator) near control   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:49 |
| S6 | 481 | 290/31.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/13 14:08 |
| S7 | 353 | S5 and inverter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:50 |
| S8 | 34  | S7 and (field near (winding or circuit or current))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:57 |
| S9 | 27  | S8 and value   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:54 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S10 | 7   | S8 not S9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:04 |
| S11 | 35  | S7 and (field near (winding or circuit or current or coil)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:06 |
| S12 | 1   | S11 not S8  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:58 |
| S13 | 247 | (inverter near mode) and rotation                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:59 |
| S14 | 59  | (inverter near mode) same rotation                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:59 |
| S15 | 1   | (inverter near mode) same (low near rotation)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/08 16:59 |
| S16 | 982 | (motor adj generator) near control                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 12:53 |
| S17 | 353 | S16 and inverter  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 12:53 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S18 | 34   | S17 and (field near (winding or circuit or current)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 12:53 |
| S19 | 481  | 290/31.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 13:02 |
| S20 | 1    | ("5920162").PN.                                      | USPAT   | OR | OFF | 2006/12/09 13:04 |
| S21 | 1555 | 318/801.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 13:05 |
| S22 | 5197 | 318/254.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 13:05 |
| S23 | 7129 | (S19 or S21 or S22)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 13:05 |
| S24 | 349  | S23 and (field adj2 current)                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 13:06 |
| S25 | 111  | S24 and inverter and generator                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 13:06 |
| S26 | 110  | S25 and control                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/12/09 13:06 |

## EAST Search History

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S27 | 79 | S26 and (field near (winding or circuit or current or coil)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/12/09 13:07 |
|-----|----|--|---|----|----|------------------|